

- 1 Umbelliferae Sandy bottom of the Rio Grande at Monteria July 4
- 2 Leguminosae Margin of Mesquias at El Paso. Introduced? 5
- 3 Portulacaceae Fields El Paso " "
- 4 Gramineae " " " " " "
- 5 Malvaceae " " " " " "
- 6 Cuscuta " " " " " "
- 7 Leguminosae " " " Introduced? " "
- 8 Ranunculaceae Sandy bottom of the Rio Grande Stoloniferous " "
- 9 Heliotropium " " " " " "
- 10 Leguminosae Bottom the Rio Grande Much branches 6-10 ft high " "
- 11 Salix Margin of the " " 8 ft high " "
- 12 Bromogeton Stagnant sub saline lake in the bog at Monteria " "
- 13 Krameria Sand-hill in valley of the R. p. at Monteria. 2-3 ft high much branches spreading coming the tall " "
- 14 Juncus R. Grande bottom near Monteria. " 15
- 15 Actinella " " " " " Much branching from the root " "
- 16 Juncus " " " " " " " "
- 17 Potentilla " " " " " On sand bars " "
- 18 Asclepias " " " " " " " "
- 19 Graphalium " " " " " " " "
- 20 Scirpus " " " " " " " "
- 21 ——— Sides of mountains near Monteria 17
- 22 Asclepias " " " " " " " "
- 23 ——— Stout divaricate branches 2-4 ft high with short " "
- 24 Chenopodiaceae Hills near Monteria. 3-5 ft high branching widely " "
- 25 Filices Gorges of rocks Mountains near Monteria " "
- 26 Rosaceae Sides of mountains near Monteria 2-4 ft high much branching " "
- 27 Chorizanthe " " " " " On small scrubby oaks " "
- 28 ——— Bottom of the Rio Grande above Monteria in sub saline soil many annual stems from the perennial root " 26
- 29 Compositae " " " " " " " "
- 30 Wislizenia much branching divaricately from the ground 2-5 ft high valley " sandy soil " "
- 31 Euphorbia " " " " " " " "
- 32 Helianthus " " " " " " 2-3 ft high " "
- 33 Cyperus Sandy banks of the R. G. at the Cottonwoods " "





100	Euphorbiaceae	On rocky ridges at Cooke's Spring	July 31
101	Compositae	Prairies " " " 1-2 ft high much branches	" "
102	Gramineae	Margin of water " " "	" "
103	Eucereus	Sides of hills near Cooke's Spring. <sup>branch lying</sup> 4-10 ft high much	Aug 1
104	Pentstemon	" " " " " "	" "
105	Baileya	Sandy valleys of the Mimbres Mts.	" "
106	Compositae	" " " " " "	" "
107	Malvaceae	" " " " " "	" "
108	"	" " " " " " In low grounds	" "
109	"	Bottom of the Mimbres	" "
110	"	" " " " " "	" "
111	Labiatae	" " " " " "	" "
112	Glycyrrhiza	" " " " " Abundant	" "
113	Veronica	In the Mimbres Growing in water	" "
114	Ranunculus	" " " " " "	" "
115	Potamogeton	" " " " " "	" "
116	"	" " " " " "	" "
117	"	" " " " " "	" "
118	Chara	" " " " " "	" "
119	Mimulus	Margin of the Mimbres	" "
120	Umbelliferae	" " " " " "	" "
121	Ranunculus	" " " " " "	" "
122	Verbena	Low valley of the Mimbres	" "
123	Humulus	" Bottom " " " Climbing over bushes	" "
124	Cuscuta	" " " " " Growing on weed & willow	" "
125	Gramineae	Margin of the Mimbres	Aug 1
126	Desmanthus	Prairies from " " to the Coppermine	" 2
127	Guillardia	" " " " " "	" "
128	"	" " " " " "	" "
129	Physalis	" " " " " "	" "
130	Galactia?	Sandy <sup>root tuberos a sp.iform</sup> sides of stream Mimbres, - Coppermine <sup>very large penetrating deeply</sup>	" "
131	Phacelia	Prairies from the Mimbres to the Coppermine	" "
132	Pentstemon	Pebbly bed of creek Mimbres - Coppermine	" "

133	Streptanthus	Ribby bro of creek	Mountain	Coppermine	Aug 2
134	Cypripedium	" " " "	"	"	" "
135	Fraxinus	" " " "	"	" 10-20ft high	" "
136	Juniperus	Sides of hills	"	" 10-20ft high	" "
137	Quercus	Along streams & hill-sides	"	" 10-15ft high	" "
138	-	" " in low grounds	"	"	" "
139	Lepidium	Valley of Coppermine creek	Sandy soil		" "
140	Loranthaceae	Hills	" On cedar		" "
141	Eriogonum	Valley	"		" "
142	Compositae	" " " "	"		" "
143	Pentstemon	" " " "	"		" "
144	Gaillardia	" " " "	Sandy soil		" "
145	Gaura	" " " "	"		" "
146	Galactia	" penetrating very deeply slightly enlarged or tuberos	"		" "
147	Cooperia	" " " "	Climbing on low bushes	Roots	" "
148	Cruciferae	" " " "	Sandy soil	Fl. yellow	" "
149	Ranunculus	Hill-sides, of Coppermine Creek			" "
150	Nyctaginaceae	Valley of Coppermine Creek	Much branching from the root	2ft high	" 4
151	Thalictrum	Hill-sides, of Coppermine Creek	2-4ft high		" "
152	Veronica	" " " "	" 6-8 "		" "
153	Garrya	" " " "	" 2-5 "		" "
154	Juglans	" " " "	" and on its margin	10-15ft high	" "
155	Salix	" " " "	"		" "
156	Umbelliferae	" " " "	"		" "
157	Geranium	" " " "	"		" "
158	Clematis	" " " "	" Climbing bushes	6-8ft high on	" "
159	Boraginaceae	" " " "	"		" "
160	Pinus edulis	" at the Coppermine	Small tree		" "
161	Calliandra	Stony hills	" Stamens pale red		" "
162	Eriogonum	" " " "	"		" "
163	Quercus	" " " "	Shrub or small tree		" 5
164	Liliaceae	" " " "	"		" "
165	Quercus	" " " "	" " " "		" "



166	Euphorbia	Stony hills at the Copper mines	Aug 5
167	Leguminosae	" " " " "	" "
168	"	" " " " "	" "
169	Oxalis	" " " " " Fl purple	" "
170	Gulbandra	" " " " " Filaments pink	" "
171	Veraginaceae	" " " " " Tree 10-20 ft high	" "
172	Pinus	" " " " " Tree 10-20 ft high	" "
173	Boraginaceae	" " " " "	" "
174	Delphinium	" " " " "	" "
175	Verbena	" " " " "	" "
176	Compositae	" " " " "	" "
177	Oxalis	" " " " "	" "
178	Silene	" " " " "	" "
179	Rubus	Mountain sides at the Copper mines	" "
180	Acacia	Stony hills	" 6
181	Stellaria	Mountain sides	" "
182	Veraginaceae	Stony hills	" "
183	Portulaca	" " " " " Fl deep orange yellow	" "
184	"	" " " " " light yellow	" "
185	Salinum	" " " " "	" "
186	Galium	" " " " "	" "
187	Heuchera	Mountain sides	" "
188	Solidago	" " " " "	" "
189	Carex	" " " " "	" "
190	Oxycoccus	" " " " "	" "
191	Philadelphus	" " " " " 2-5 ft high much branched	" "
192	Portulaca	" " " " "	" "
193	Cruciferae	" tops	" "
194	"	" " " " " 2-5 ft high much branched	" "
195	Malvastrum	Stony hills	" "
196	Asclepias	" " " " " Fl deep orange	" "
197	Brigson	" " " " "	" "
198	Quercus	Sides and summits of mts at the Copper mines	" "

199	Erigeron	Sides and summits of mts at the Copper mines	Aug 6
200	Veraginaceae	" " " " "	" 8
201	Salvia	Sides of mts at the Copper mines	" "
202	Symphoricarpos	" " " " " 3-4 ft high much branched	" "
203	Ribes	" " " " " 3-5 ft high	" "
204	Prunus	" " " " "	" "
205	Pinus	" " " " " 30-80 ft high 10-24 in diam	" "
206	Fraxinus	" " " " " Small tree 10-20 ft high	" "
207	Spiraea	" " " " " Slender bush 6-10 ft high	" "
208	Heuchera	" " " " " Among rocks	" "
209	Filices	" " " " " In crevices of rocks	" "
210	"	" " " " "	" "
211	"	" " " " "	" "
212	"	" " " " "	" "
213	"	" hills	" "
214	Heuchera	" mts	" Under wet rocks
215	Muscic	" " " " "	" "
216	"	" " " " "	" "
217	"	" " " " "	" "
218	Cypripedium	" " " " "	" "
219	Caryophyllaceae	Stony hills at the Copper mines	" 11
220	Actinella	" " " " "	" "
221	Monarda	Valleys	" "
222	Cruciferae	" " " " "	" "
223	Leguminosae	Sides of stony hills at the Copper mines	" "
224	Dichondra	" " " " " Among fallen leaves under trees	" "
225	Compositae	Valleys	" " " Much branching from the root
226	Boraginaceae	" " " " "	" "
227	Lepidium	Stony hills at the Copper mines	" "
228	Erigeron	" " " " "	" 12
229	Amaranthaceae	" " " " "	" "
230	Mimosa	" " " " "	" "
231	Lathyrus	" " " " "	" "

- | No. | Plant           | Locality   | Date   |
|-----|-----------------|--|--------|
| 232 | Physalis        | Stony hills at the Coppermines   | Aug 11 |
| 233 | Gramineae       | Sides of Mts at the "  | " 12   |
| 234 | "               | " " Mountain torrents near the Coppermines                                     | " 13   |
| 235 | "               | W. side of Mts. at the Coppermines   | " "    |
| 236 | "               | " " " " " " "  | " "    |
| 237 | "               | " " " " " " "  | " "    |
| 238 | "               | " " " " " " "  | " "    |
| 239 | "               | " " " " " " "  | " "    |
| 240 | "               | Sides of Torrents near the Coppermines   | " "    |
| 241 | "               | On Mts. " " "  | " "    |
| 242 | "               | In ravines " " "   | " "    |
| 243 | "               | On Mts. " " "  | " "    |
| 244 | "               | In ravines " " "   | " "    |
| 245 | "               | " " " " " " "  | " "    |
| 246 | Helianthus      | Summit of Mts " " "  | " "    |
| 247 | Cyperus         | " " " " " In bog detritus  | " "    |
| 248 | Allium          | " " Sides of Mts. near the Coppermines   | " "    |
| 250 | Malvaceae       | " " " " " " "  | " "    |
| 251 | Salvia          | Sides of Mts at the Coppermines  | " "    |
| 252 | Polygonum       | " " Mountain torrents near the Coppermines                                     | " "    |
| 253 | Pentstemon      | " " Mountains " " "  | " "    |
| 254 | Asclepias       | Sides of Mountain torrents near the " in detritus                              | " "    |
| 255 | Caryophyllaceae | " " " " " " "  | " "    |
| 256 | "               | " " " " " " "  | " "    |
| 257 | Euphorbia       | " " " " " " "  | " "    |
| 258 | Cyperus         | " " " " " " "  | " "    |
| 259 | "               | " " " " " " "  | " "    |
| 260 | Commelina       | Stony hills at the Coppermines   | " 15   |
| 261 | Hosackia        | " " " " " " "  | " "    |
| 262 | Gramineae       | " " " " " " "  | " "    |
| 263 | Compositae      | " " " " " " "  | " "    |
| 264 | Hymenopappus    | " " " " " " "  | " "    |
| 265 | Phaseolus       | long 5 in thick at the crown siliques astingent prostrate root very large 2 ft | " "    |



266	Gramineae	Stony hills at the Coppermines	Aug 15
267	Phlox	valley of Coppermine Creek	" 18
268	Caryophyllaceae	Stony hills, near the Coppermines	" "
269	Gilia	valley of Coppermine Creek	" "
270	Convolvulus	Hills of " " Edge of thickets	" "
271	Cucurbitaceae	" " " Climbing on bushes	" "
272	Salvia	Stony hills of Coppermine Creek	" "
273	Bidens	" " " " "	" "
274	Hymenatherum	" " " " "	" "
275	Myelagraceae	" " " " "	" "
276	Convolvulus	" " " " Edge of thickets	" "
277	"	" " " " " " " "	" "
278	Desmodium	" " " " " "	" "
279	Physalis	" " " " " "	" "
280	Lathyrus	" " " " " "	" "
281	Scrophulariaceae	nts at the Coppermines base of rocky ledges near the summits at the	" "
282	Cruciferae	" " " " " " " "	" "
283	Solanum	" " " " " " " Fl. purple	" "
284	"	" " " " " " " and abundant in valleys Fl. white	" "
285	Nicotianae	" " " " " " " from base to summit Fl. purple	" "
286	Hymenatherum	" " " " " " " On the summit sides Fl. <sup>or rayless</sup> radially	" "
287	Gramineae	" " " " " " " near the summit	" "
288	"	" " " " " " " " " "	" "
289	"	" " " " " " " " " "	" "
290	"	" " " " " " " " " "	" "
291	Eriogon	" " " " " " " " " "	" "
292	Desmodium	" " " " " " " Branching from the root <sup>procumbent</sup> branching	" "
293	Gramineae	" " " " " " " (near the summit in dense bunches)	" "
294	Miconeria	" " " " " " " " " "	" "
295	Malvaceae	Sides of mts & in valleys at the Coppermines	" "
296	Petalostemon	" " " " " " " " " "	" "
297	Gratiola	Margin of mountain torrents " " "	" "
298	Euphorbia	Stony hills at the Coppermines	" 19

300	Sanvitalia	On stony hills at the Coppermines and in valleys	Aug 19
301	Convolvulus	" " " " " "	" "
302	"	" " " " " "	" "
303	Gramineae	" " " " " "	" "
304	Phaseolus	" " " " " "	" "
305	Gilia	" " " " " " procumbent branching from the root and	" "
306	Euphorbia	" " " " " " near hills Prostrate, much branching	20
307	Astragalus	Pebbly bed of a stream near the Coppermines and on pine	" "
308	Hymenoclerum	Stony hills near the Coppermines	" "
309	Euphorbia	" " " " " " with No 305	" "
310	"	" " " " " " " " " "	" "
311	Portulaca	" " " " " " " " " "	" "
312	Eutoca	" " " " " " " " " "	" "
313	Eucubitaceae	" " " " " " Climbing on bushes	" "
314	Nyctaginaceae	" " " " " " Much branching forming large bunches	" "
315	"	" " " " " " " " " "	" "
316	Uster	" " " " " " " " " "	" "
317	Cenothera	Margin of creek at the Coppermines 2-3 ft high fl. open in the morning	" "
318	"	Stony hills near the " fl. open withering early in the morning	" "
319	Allium	" " " " " " fl. nodding light purple	" "
320	Euphorbia	" " " " " " " " " "	" "
321	"	balls of creek " In alluvial soil	22
322	Cyperus	On pine hills near the Coppermines	" "
323	Cenothera	In valleys near the " " " "	" "
324	Castilleja	in the bed of a creek near the Coppermines	" "
325	Cenothera	Sandy bed of a creek near " " = 322?	" "
326	Polemoniaceae	" " " " " " " " " "	" "
327	Euphorbia	Pine hills near the " " " "	" "
328	Cyperus	Hills " " " " places = 321? In damp	23
329	Cruciferae	Mountain " " " " " "	" "
330	Nyctaginaceae	Hills near the Coppermines fl. open till 9-10 o'clock in the morning	" "
331	"	" " " " " " " " " "	" "
332	Cyperus	" " " " " " In damp places	" "

332	Leguminosae	Hills near the Coppermines	Aug 23
333	Eragrostaceae	Sides of Mts near the Coppermines	" "
334	Sanvitalia	" " " " " " Under overhanging rocks	" "
335	Heuchera	Mts near the Coppermines In crevices of rocks	" "
336	Silene	" " " " " " " " " "	" "
337	Polygala	Sides of " " " " " "	" "
338	Compositae	" " " " " " " " " "	" "
339	Gramineae	Hills near the " " " " " "	" "
340	Scrophulariaceae	" " " " " " Very abundant	26
341	Eragrostaceae	" " " " " " " " " "	" "
342	Cassia	" " " " " " " " " "	" "
343	Euphorbia	" " " " " " " " " "	" "
344	Mollugo	" " " " " " " " " "	27
345	Gramineae	" " " " " " " " " "	" "
346	Poa	" " " " " " " " " "	" "
347	Eriogon	" " " " " " Common	" "
348	Antennaria	" " " " " " and in valleys Common	" "
349	Briogonum	" " " " " " growing very thickly in small patches	" "
350	"	" " " " " " In small compact bunches	" "
351	Stidago	" " " " " " " " " "	" "
352	Galactia	" " " " " " " " " "	" "
353	Stidago	" " " " " " " " " "	" "
354	Umasaceae	" " " " " " " " " "	" "
355	Nyctaginaceae	" " " " " " " " " "	" "
356	Phaseolus	" " " " " " " " " "	" "
357	Verbena	" " " " " " around thickets	" "
358	Lobelia	Marshy margin of Apache de hoc and elsewhere not rare	28
359	Astragalus	At gr de vaca	" "
360	Cratachaceae	" " " " " " Parasitic on grass roots	" "
361	Rhamnus	" " " " " " garvilan (hawk spring) 4-6 ft high	29
362	Portulaca	near gr de garvilan fl. ochreous-yellow	" "
363	Callistonia	" " " " " " in the valley below	" "
364	Portulaca	" " " " " " " " " "	" "



- 365 Nyctaginaceae Near ojo de gavilan in the valley below Aug 29
- 366 Euphorbiaceae " " " " in branches descending from the hills " "
- 367 Compositae " " " " " " " " " " " "
- 368 Gramineae " " " " " " " " " " " "
- 369 " " " " " " On gravelly hills " "
- 370 Compositae " " " " " " " " " " " "
- 371 Euscuta near " " " in the valley below " "
- 372 Gramineae " " " " On rocky hills " "
- 373 " " " " " " " " " " " "
- 374 " " " " " " " " " " " "
- 375 " " " " " " " " " " " "
- 376 " " " " " " " " " " " "
- 377 Dieteria " " " " " " " " " " " "
- 378 Gramineae " " " " " " " " " " " "
- 379 Gymnethenium " " " " " " " " " " " "
- 380 Quercus Summit of Mts west from ojo de gavilan " "
- 381 Poa " " " " " " " " " " " "
- 382 " " " " " " " " " " " "
- 383 Madryia " " " " " " " " " " " "
- 384 <sup>dry</sup> Eriobalanaceae Margin of torrents westward from ojo de gavilan " "
- 385 Malvaceae Valley from ojo de gavilan to Condes Camp " "
- 386 Heliconia Margin of torrents from ojo de gavilan to Condes camp <sup>Stems numerous</sup> " "
- 387 Amaranthaceae Valley between ojo de gavilan & Condes camp " 31
- 388 Malvaceae Hill-sides at Condes camp " "
- 389 Eriogonum Bed of a mountain torrent at Condes camp <sup>Root large fleshy Branches prostrate running 10-20 ft</sup> Sept 1
- 390 Cucurbitaceae Prairies between the Copper mines & Condes camp <sup>loose</sup> " "
- 391 Gilies Mountain sides near Condes camp " "
- 392 " " " " " " " " " " " "
- 393 Nicotiana " " " " " " " " " " " "
- 394 Galactia " " " " " " " " " " " "
- 395 Labiatae " " " " " " " " " " " "
- 396 Salvia " " " " " " the same root 2 ft high many stems from " "
- 397 Compositae " " " " " " " " branching widely " "

No 398	Compositae	Mountain summits near Condes camp	of rocks	In crevices	Sept 1
399	Gramineae	"	"	"	" In small tufts
400	Artemisia	"	"	"	"
401	Allium	"	"	"	" Fruit erect
402	Gramineae	" Side	"	"	"
403	Chenopod.	Valley from Condes camp to Saur de Cienega	Marsh	(willow)	" 2
404	"	"	"	"	"
405	Solanaceae	"	"	Saur de Cienega towards Chiricahui Mts	" B
406	Boraginaceae	"	"	"	"
407	Balliandra	"	"	"	" on stony soil
408	Compositae	"	"	"	"
409	Boraginaceae	"	"	"	"
410	Nyctagini.	Side of Chiricahui Mts	"	"	"
411	Phaeolus	"	"	"	"
412	Labiatae	"	"	"	"
413	Nicotiana	"	"	"	" Many stems from the root
414	Onagraceae	Bed of a Mountain torrent among pebbles	from one root	"	"
415	Compositae	Side of Chiricahui Mts	"	"	"
416	Leguminosae	"	"	"	"
417	Nyctagini.	"	"	"	"
418	"	"	"	"	"
419	Gilia	"	"	"	"
420	Compositae	Pass of the Chiricahui Mts	Much the ground	branching near	"
421	Pelastemon	"	"	"	"
422	Mentzelia	"	"	"	"
423	Crotalaria	"	"	"	" In valleys
424	Asclepiadaceae	Valley west of "	"	entangled climbing on plants much	"
425	Martynia	"	"	"	" In sandy soil
426	Cleome	Low subalpine valley west of Chiricahui Mts	branching near the ground	"	"
427	Cleome	"	"	"	"
428	Tripteris	"	"	"	" Soil
429	Compositae	"	"	"	" In sand
430	Chenopod.	"	"	"	" On sandy ridge



431	Cyperus	Damp soil along branches west of Chinichui Mts	Sept 6
432	Gramineae	Valley west of Chinichui Mts	"
433	Basella	" " " " " " " " " " " "	"
434	Passiflora	" " " " " " " " " " " "	"
435	Gramineae	" " " " " " " " " " " "	"
436	Dieteria	" " " " " " " " " " " "	"
437	Mislaeria	" " " " " " " " " " " "	"
438	Gramineae	" " " " " " " " " " " "	"
439	Grasseria	" " " " " " " " " " " "	"
440	Dieteria	" " " " " " " " " " " "	"
441	Chrysopsis	" " " " " " " " " " " "	"
442	<sup>Cryptantha</sup> Boraginaceae	" " " " " " " " " " " "	"
443	Lepidium	" " " " " " " " " " " "	"
444	Nyctagynaceae	" " " " " " " " " " " "	"
445	Euphorbia	" " " " " " " " " " " "	"
446	Aristolochia	" " " " " " " " " " " "	"
447	Phaseolus	" " " " " " " " " " " "	"
448	Euphorbiaceae	" " " " " " " " " " " "	"
449	Gramineae	Valley descending to the San Pedro In sand & soil	"
450	"	" " " " " " " " " " " "	"
451	Chrysopsis	" " " " " " " " " " " "	"
452	Leguminosae	Bed of a creek descending to the San Pedro Among pebbles & coarse sand fl. purple	"
453	Euphorbia	" " " " " " " " " " " "	"
454	Petalostemon	Valley of a " " " " " " " " " " " "	"
455	Portulaca	" " " " " " " " " " " "	"
456	Convolvulus	" " " " " " " " " " " "	"
457	Helianthus	" " " " " " " " " " " "	"
458	Malvaceae	" " " " " " " " " " " "	"
459	Desmodium	" " " " " " " " " " " "	"
460	Maquiopsis	" " " " " " " " " " " "	"
461	Conocarpus	" " " " " " " " " " " "	"
462	Conocarpus	" " " " " " " " " " " "	"
463	Conocarpus	" " " " " " " " " " " "	"
464	Conocarpus	" " " " " " " " " " " "	"
465	Conocarpus	" " " " " " " " " " " "	"
466	Conocarpus	" " " " " " " " " " " "	"
467	Conocarpus	" " " " " " " " " " " "	"
468	Conocarpus	" " " " " " " " " " " "	"
469	Conocarpus	" " " " " " " " " " " "	"
470	Conocarpus	" " " " " " " " " " " "	"
471	Conocarpus	" " " " " " " " " " " "	"
472	Conocarpus	" " " " " " " " " " " "	"
473	Conocarpus	" " " " " " " " " " " "	"

474	Aster	On the banks of the San Pedro	Sept 7
475	Compositae	" " " " " " " " " " " "	"
476	"	Low banks " " " " " " " " " " " "	"
477	Ambrosia	" " " " " " " " " " " "	"
478	Erythraea	" " " " " " " " " " " "	"
479	Algae	On naked aluminous soil of the San Pedro	" 10
480	Euphorbia	Low damp soil near the San Pedro	"
481	Chenopodiaceae	" " " " " " " " " " " "	"
482	Helianthus	" " " " " " " " " " " "	"
483	Aster	" " " " " " " " " " " "	"
484	Casearia	" " " " " " " " " " " "	"
485	Dieteria	" " " " " " " " " " " "	"
486	Physalis	Prairies of the San Pedro alluvial soil	"
487	Verbenaceae	Mountain valleys from San Pedro - Stony soil	" 12
488	Amaranthaceae	" " " " " " " " " " " "	"
489	Rubiaceae	" " " " " " " " " " " "	"
490	Geranium	" " " " " " " " " " " "	"
491	Diodia	" " " " " " " " " " " "	"
492	Malvaceae	" " " " " " " " " " " "	"
493	Compositae	" " " " " " " " " " " "	"
494	Desmodium	" " " " " " " " " " " "	"
495	Malpighiaceae	" " " " " " " " " " " "	"
496	Amaranthaceae	" " " " " " " " " " " "	"
497	Euphorbia	" " " " " " " " " " " "	"
498	Euphorbia	" " " " " " " " " " " "	"
499	Convolvulus	" " " " " " " " " " " "	"
500	Leguminosae	" " " " " " " " " " " "	"
501	Helianthus	" " " " " " " " " " " "	"
502	Aster	" " " " " " " " " " " "	"
503	Compositae	" " " " " " " " " " " "	"
504	Gramineae (Poa)	" " " " " " " " " " " "	"
505	Salvia	" " " " " " " " " " " "	"
506	Aster	" " " " " " " " " " " "	"

- |     |              |                             |                |   |         |
|-----|--------------|-----------------------------|----------------|---|---------|
| 507 | Eryngium     | valley of Sonora            | along branches |   | Sept 13 |
| 508 | Leguminosae  | "                           | "              | Many stems from the root 1-2 ft high <sup>erect</sup>       | " 14    |
| 509 | Compositae   | "                           | "              | Along branches  | " "     |
| 510 | Cyperus      | "                           | "              | "   | " "     |
| 511 | Gramineae    | "                           | "              | In small compact bunches                                    | " "     |
| 512 | Compositae   | "                           | "              | Branching from the root                                     | " "     |
| 513 | Chrysopsis   | "                           | "              | Her branches from " towards the top                         | " "     |
| 514 | Cirsium      | "                           | "              | <del>Low branches</del> 3-5 ft high Branching               | " "     |
| 515 | Biden        | "                           | "              | "   | " "     |
| 516 | Lathyrus     | "                           | "              | Low land along branches                                     | " "     |
| 517 | Phaseolus    | "                           | "              | In branches climbing 2-4 ft high on weeds <sup>bushes</sup> | " "     |
| 518 | Dieteria     | valley of a mountain stream | the Sonora     | 9-12 ft high branching over a alluvial soil                 | " "     |
| 519 | Scrophularia | "                           | "              | 2-5 ft high & thickly forming small thickets                | " "     |
| 520 | Oenothera    | "                           | "              | Low lands 2-4 ft high <sup>erect</sup>                      | " 10    |
| 521 | Petalostemon | "                           | "              | " Three miles above Desert <sup>Ranch</sup>                 | " "     |
| 522 | Labiatae     | "                           | "              | Sides of hills near <sup>the root</sup>                     | " "     |
| 523 | Compositae   | On the Sonora               | near the root  | Ranch has much branching                                    | " "     |
| 524 | Euphorbia    | "                           | "              | On hills  | " "     |
| 525 | Leguminosae  | "                           | "              | Banks of <sup>torrents</sup> mountains                      | " "     |
| 526 | Tragia       | "                           | "              | "   | " "     |
| 527 | Nyctaginia   | "                           | "              | 4 ft 9 in yellow Rocky hill-sides                           | " "     |
| 528 | Verbenaceae  | "                           | "              | 4 ft blue   | " "     |
| 529 | Cuscuta      | "                           | "              | whole plant very white                                      | " "     |
| 530 | Umbelliferae | "                           | "              | Hill-side <sup>valley</sup>                                 | " "     |
| 531 | Cassia       | "                           | "              | "   | " "     |
| 532 | Euphorbia    | "                           | "              | "   | " "     |
| 533 | Euphorbia    | "                           | "              | Branching Among rocks 1-2 ft high                           | " "     |
| 534 | Leguminosae  | "                           | "              | ing from the root 2-3 ft long                               | " "     |
| 535 | Euphorbia    | "                           | "              | On hill sides Branch  | " "     |
| 536 | Platanus     | "                           | "              | Pebbly top of branches                                      | " "     |
| 537 | Conioselin   | "                           | "              | Large tree Mountain stream                                  | " "     |
| 538 | Abutilon     | "                           | "              | Hill-side 1-2 ft high slightly branching                    | " "     |
| 539 | Gramineae    | "                           | "              | 4 ft high   | " "     |
| 540 | Malvaceae    | "                           | "              | In small bush   | " "     |



- | No. | Plant         | Locality                         | Notes                            |
|-----|---------------|----------------------------------|----------------------------------|
| 541 | Cuscuta       | On the Sonora near Desert Rancho | valley, climbing up side of hill |
| 542 | Brasiliacae   | " " " " " "                      | 2-4 ft high, fls. yellow         |
| 543 | Desmodium     | " " " " " "                      | " " " " " "                      |
| 544 | Leguminosae   | " " " " " "                      | On hill, low, climbing           |
| 545 | Sepkosia      | " " " " " "                      | fls. yellow                      |
| 546 | Galactia      | " " " " " "                      | " " " " " "                      |
| 547 | Compositae    | " " " " " "                      | " " " " " "                      |
| 548 | Polygala      | " " " " " "                      | " " " " " "                      |
| 549 | Solanum       | " " " " " "                      | " " " " " "                      |
| 550 | Desmodium     | " " " " " "                      | " " " " " "                      |
| 551 | "             | " " " " " "                      | " " " " " "                      |
| 552 | "             | " " " " " "                      | " " " " " "                      |
| 553 | Convolvulus   | " " " " " "                      | " " " " " "                      |
| 554 | Compositae    | " " " " " "                      | " " " " " "                      |
| 555 | Hymenocallis  | " " " " " "                      | " " " " " "                      |
| 556 | Amaranthaceae | " " " " " "                      | " " " " " "                      |
| 557 | Compositae    | " " " " " "                      | " " " " " "                      |
| 558 | "             | " " " " " "                      | " " " " " "                      |
| 559 | Desmodium     | " " " " " "                      | " " " " " "                      |
| 560 | "             | " " " " " "                      | " " " " " "                      |
| 561 | Pallusia      | Hills near Desert Rancho         | 6-10 ft high with short          |
| 562 | Rhus          | Near desert Rancho               | Side of mountain ravine          |
| 563 | Ionidium?     | " " " " " "                      | " " " " " "                      |
| 564 | Cyperus       | " " " " " "                      | " " " " " "                      |
| 565 | Horsackia     | Valley of Sonora creek           | Low damp soil among tall         |
| 566 | Senecio       | Margin of pools in mountain      | valley descending to             |
| 567 | Cyperaceae    | " " " " " "                      | " " " " " "                      |
| 568 | "             | " " " " " "                      | " " " " " "                      |
| 569 | Naiadaceae    | " " " " " "                      | " " " " " "                      |
| 570 | Loelia        | " " " " " "                      | " " " " " "                      |
| 571 | Onagraceae    | Stony hill of mountain           | branch                           |
| 572 | Cassia        | 2-3 ft                           | " " " " " "                      |
| 573 | Rutoma        | Mountain side near the San Pedro | " " " " " "                      |

574	Hosackia	Hills near the San Pedro / many stems from one root	Sept 18
575		Mountain side near the San Pedro 2-4 ft high much branching	"
576	Dalea	Hills near the Deserto Rancho	"
577	Gramineae	Margin of pools in mountain valleys	"
578	Cuscuta	" the Barbosomni at a desert Rancho	willow bushes
579	Scutellaria	" " " " " "	" 1 ft
580	Samolus	" " " " " "	" light blue
581	Aster	Banks " " " " " "	" white
582	Leguminosae	Margin " " " " " "	bluish-purple
583	Compositae	" " " " " "	" pale
584	Eulaea	Hillside near " " " " " "	" yellow 20
585	Cuscuta	" " " " " "	" white 22
586	Dalea	" " " " " "	"
587	Petalostemon	" " " " " " towards Santa Cruz	"
588	Heliotropium	" " " " " "	" detritus
589	Diodia	" " " " " "	" rocky
590	Gramineae	" " " " " "	"
591	Crostatana	" " " " " "	"
592	Stylactis	" " " " " "	"
593	Pectis	valley " " " " " "	"
594	Dalea	Hill " " " " " "	"
595	Bidens	Margin of branches from Barbosomni towards Santa Cruz	"
596	Compositae	Hills " " " " " "	"
597	Gentiana	Spring " " " " " "	"
598	Habenaria	" " " " " "	"
599	Scutellaria	Hills " " " " " "	"
600	Cissium	Branches " " " " " " margin of dry branches	"
601	Compositae	Hillside " " " " " "	"
602	"	" " " " " "	"
603	"	" " " " " "	"
604	Leguminosae	" " " " " "	"
605	Compositae	" " " " " " Suppression 2-3 ft high much branching	"
606	Gerardia	" " " " " " many stems from the root, fil yellow	"

607	Compositae	Hillside near Barbosomni towards Santa Cruz many stems from one root	Sept 18
608	Gramineae	" " " " " "	"
609	Chloris	" " " " " "	"
610	"	" " " " " "	"
611	Leguminosae	" " " " " "	"
612	Calliandra	" " " " " "	"
613	Gerardia	" " " " " "	"
614	Compositae	" " " " " " branches	"
615	Caryophyll.	" " " " " " the root branching from	"
616	Compositae	" " " " " "	"
617	Desmodium	" " " " " " pattern of 4 ft long	"
618	Aster	Hills near Santa Cruz Low damp soil	"
619	Thalictrum	" " " " " "	"
620	Aster	" " " " " "	"
621	Thymecium	" " " " " " places	"
622	Gentiana	" " " " " " white yellowish when dry	"
623	—	Along branches in the hills near Santa Cruz	"
624	Diodia	Prairies near Santa Cruz	"
625	Leguminosae	Bed of mountain torrent near Santa Cruz 2-4 ft high from the root	24
626	Malvaceae	" " " " " " on the root 2-3 ft high	"
627	Hyptis	Margin of creek at Santa Cruz In low patches	"
628	C. peruv.	" " " " " "	"
629	Compositae	Pebbly bed of mountain torrent at Santa Cruz 2-3 ft high	"
630	"	Mountain ravine at Santa Cruz branching from the root	"
631	"	" " " " " " crevices of rocks	"
632	Chrysali	" " " " " " rocky detritus	"
633	Diodia	" " " " " "	"
634	Lupinus	" " " " " "	"
635	Urtica	" " " " " " 2-4 ft high from the root	"
636	Rubiaceae	" " " " " " 1 ft high 1 ft thick	"
637	Dalea	" " " " " " Branches 2-3 ft long	"
638	Cucurbita	" " " " " " among rocky detritus	"
639	Thalictrum	" " " " " "	"
640	Desmodium	" " " " " "	25



641	Staladeimon	mountain near Santa Cruz	Sept 25
642	Compositae	" ravine at "	" 4-6 ft high, leaves long at top "
643	Vitis	" " " "	" 12 ft high climbing on small tree "
644	Compositae	" side " "	" 1-2 ft high branching from the root "
645	"	" " " "	" " " " " " "
646	Helianthus	" " " "	" 2-3 ft high " " " " "
647	Passiflora	" " " "	" <del>climbing</del> among rocks " "
648	Salvia	" " " "	" 1-2 ft high branching from the root " "
649	Castilleja	" " " "	" " " " " " "
650	Heuchera	" " " "	" " " " " " "
651	Myrtaceae	" " " "	" " " " " " "
652	Petalostemon	hill at Santa Cruz	Branching from the root " "
653	Imrocephalus	Low bottom of the creek at Santa Cruz	very thickly " "
654	Compositae	Mountain ravine at Santa Cruz	1-2 ft high growing the ground " "
655	"	" " " "	" Much branching from " "
656	Gramineae	" " " "	" " " " " " "
657	Lida	Prairies	9-11 o'clock A.M. " " " " " " "
658	Gerardia	Mountain ravine at Santa Cruz	A small yellow open of " 27
659	Helianthus	Sides of ravines at "	Stems prostrate, not " " "
660	Gramineae	" " " "	" 2-3 ft high & fern " "
661	Cunila	" " " "	white red within " " "
662	Helianthus	" " " "	" crosses rocks etc. " "
663	Asclepiadaceae	" " " "	Many stems from the root " "
664	Compositae	" " " "	" " " " " " "
665	Galium	" " " "	" " " " " " "
666	"	" " " "	" In crevices of rocks in dense " "
667	Compositae	" " " "	" " " " " " "
668	Ludwigia	Thargia or Mountain torrents at Santa Cruz	" " " " " " "
669	Scrophulariaceae	" " " "	" All yellow " "
670	Caryophyll.	Mountains West of Santa Cruz	" " " " " 28
671	Ponidium	" " " "	" " " " " " "
672	Ammannia	Along mountain torrents East of Santa Cruz	growing " "
673	"	" " " "	" " " " " Together " "
674	Cyperus	" " " "	" " " " " " 29

675	Salvia	Mountains East of Santa Cruz					Sept 29
676	Galium	"	"	"	"	Trailing 2-3 ft	"
677	Compositae	"	"	"	"	1-2 ft high branching? Biennial?	"
678	"	"	"	"	"	3 ft high Biennial?	"
679	Helianthus	"	"	"	"	2" " Perennial	"
680	Fungi	"	"	"	"	Indecaying twigs	"
681	Scrophularia	"	"	"	"	Along rivulets	"
682	Leguminosae	Branches of the San Pedro	On open prairie				" 30
683	Compositae	"	"	"	"	" rocky banks	"
684	Caprifoliaceae	"	"	"	"	"	"
685	Hymenocallis	"	"	"	"	Upper prairie Introduced Oct 1	"
686	Peruvia	"	"	"	"		"
687	Convolvulus	"	"	"	"	Spreading 4-6 ft from the perennial root	"
688	Malpighiaceae	Heads of the Agua Prieta	Among rocks			Prostrate, many branches	"
689	Cassia	"	"	"	"	Shrub 4-6 ft high	"
690	Hymenocallis	"	"	"	"	A much branched and spreading	"
691	Acacia	"	"	"	"	Perennial very much branching	" 2
692	"	"	"	"	"	In broad level valleys 6-12 ft high much branching	"
693	Zinnia	"	"	"	"	Very much branching Perennial	"
694	Convolvulus	"	"	"	"	Open till afternoon	"
695	Euscuta	At San Bernardino					" 3
696	Lysium	"	"	"	"	Around springs	"
697	Aster	Low valley at San Bernardino					"
698	Helianthus	"	"	"	"		"
699	Euphorbia	"	"	"	"		"
700	Cissium	Around springs near San Bernardino	3-9 ft high				"
701	Malpighiaceae	Guadalupe Pass on mountains = 688?					" 4
702	Lycopodium	"	"	"	"	rocks	"
703	Compositae	"	"	"	"	In crevices of rocks many radiating branches	"
704	Eysenhardtia	"	"	"	"	2-4 ft high On mountain	"
705	Malvaceae	"	"	"	"		"
706	Euphorbia	"	"	"	"		"
707	Malvaceae	"	"	"	"		"
708	Labiatae	"	"	"	"	2-5 ft high much branching	"



- | No. | Plant       | Locality                        | Notes                | Date   |
|-----|-------------|---------------------------------|----------------------|--------|
| 743 | Gramineae   | Mountain side at the Coppermine |                      | Oct 11 |
| 744 | "           | "                               | "                    | "      |
| 745 | "           | "                               | "                    | "      |
| 746 | "           | "                               | "                    | "      |
| 747 | " Poa       | "                               | "                    | "      |
| 748 | Compositae  | "                               | "                    | "      |
| 749 | Aster       | "                               | "                    | "      |
| 750 | Solidago    | "                               | "                    | "      |
| 751 | Amaranthus  | "                               | "                    | "      |
| 752 | Solidago    | "                               | "                    | "      |
| 753 | Compositae  | "                               | "                    | "      |
| 754 | Polygala    | "                               | "                    | "      |
| 755 | Erigeron    | "                               | "                    | "      |
| 756 | Salea?      | Hill-sides at the Coppermine    |                      | "      |
| 757 | " ?         | "                               | "                    | "      |
| 758 | Gentiana    | "                               | "                    | "      |
| 759 | Laryophyll. | "                               | "                    | "      |
| 760 | "           | "                               | "                    | "      |
| 761 | "           | "                               | "                    | "      |
| 762 | "           | Mountain side at the Coppermine | 1-2 fls. under rocks | "      |
| 763 | Compositae  | "                               | Branches prostrate   | "      |
| 764 | "           | "                               | Among rocks in large | "      |
| 765 | Salea?      | "                               | "                    | "      |
| 766 | Aster       | "                               | "                    | "      |
| 767 | Artemisia   | "                               | "                    | "      |
| 768 | Phacelia    | "                               | "                    | "      |
| 769 | Artemisia   | "                               | "                    | "      |
| 770 | Silene      | "                               | "                    | "      |
| 771 | Heuchera    | "                               | "                    | "      |
| 772 | Lythrum     | "                               | "                    | "      |
| 773 | Gramineae   | "                               | "                    | "      |
| 774 | " Poa       | "                               | "                    | "      |
| 775 | "           | "                               | "                    | "      |
| 776 | "           | "                               | "                    | "      |

777	Eoralea	Mountain sides at the Coppermine	much branching several stems	Oct 13
778	Compositae	"	" " " " " " " "	" "
779	"	"	" " " " " " " "	" "
780	"	"	" " " " " " " "	" "
781	Gramineae	"	" " " " " " " "	" "
782	"	"	" " " " " " " "	" "
783	Guaphaliun	"	" " " " " " " "	" "
784	Physalis	"	" " " " " " " "	" "
785	Compositae	"	" " " " " " " "	" "
786	Musei	"	" " " " " " " "	" "
787	Gramineae	valley of Coppermine Creek	In small bunches	" 13
788	Cirsium	"	" " " " " " " "	" "
789	Blapharop.	"	" " " " " " " "	" "
790	Pectidae	"	" " " " " " " "	" "
791	Juncus	margin	" " " " " " " "	" "
792	Helianthus?	valley	" " " " " " " "	" "
793	"	"	" " " " " " " "	" "
794	Artemisia	"	" " " " " " " "	" "
795	Biden?	"	" " " " " " " "	" "
796	Helianthus	"	" " " " " " " "	" "
797	Gramineae	Hills around the lake	In small bunches	" 16
798	"	"	" " " " " " " "	" "
799	"	"	" " " " " " " "	" "
800	"	"	" " " " " " " "	" "
801	"	"	" " " " " " " "	" "
802	"	"	" " " " " " " "	" "
803	"	"	" " " " " " " "	" "
804	"	"	" " " " " " " "	" "
805	"	"	" " " " " " " "	" "
806	"	"	" " " " " " " "	" "
807	"	"	" " " " " " " "	" "
808	"	"	" " " " " " " "	" "
809	"	"	" " " " " " " "	" "
811	"	"	" " " " " " " "	" "



811	Gramineae	vallis, around the Cobre Landstues	Oct 16
812	" Poa	" " " " On soil burned by fire	" "
813	"	Hills " " "	" "
814	"	" " " " In small dense bunches	" 17
815	"	" " " " " " " "	" "
816	"	" " " " " " " "	" "
817	"	Along mountain torrents near the Cobre falls, single or few	" "
818	Artemisia	vallis, around the Cobre	" "
819	"	" " " " and on hills	" "
820	Cyperus	Hills " " "	" "
821	Eleocharis	" " " "	" "
822	Lernanthaceae	" " " " On cedar in dense bunches	" "
823	Lolium	Pebbly bed of mountain torrent near the Cobre	" "
824	Gnaphalium	Hills, around the Cobre	" 18
825	Artemisia <sup>dracunculoides</sup>	" " " " In vallis common	" "
826	Gramineae	Mountain vallis around the Cobre In tufts not dense	" "
827	Musei	Ravine near the Cobre On burned ground	" "
828	Bulbostyle	Hill around the Cobre Suffrutescent much branched 3-4 ft high	" "
829	"	" " " " Stems several 2-3 ft high	" "
830	Woodia	" " " "	" "
831	Pteris	" " " "	" "
832	Ucalypha	Mountain around the Cobre	" 20
833	Aster	" " " "	" "
834	Artemisia	" " " "	" "
835	Malvaceae	" " " " On the summit 12 ft high <sup>divaricately branching</sup>	" "
836	Cyperus	Margin of mountain torrents near the Cobre	" "
837	Musei	" " " " large thick branches	" "
838	Elatine	" " " " " " " " <sup>staminate</sup>	" "
839	Cosmos	Mountain around the Cobre	" "
840	Compositae	" " " " Called <u>Anis</u> by the Mexicans	" "
841	"	" " " "	" "
842	Artemisia	" " " "	" "
843	Gaura	" " " "	" "
844	Artemisia	" " " "	" "





911	Gramineae	Around the hot springs but scattering in wet soil	Wood
912	"	" " " " <del>and common elsewhere</del> Gulms scattering in wet soil	" "
913	"	" " " " " " " "	" "
914	"	" " " " " " " "	" "
915	Hymenatherum	" " " " and elsewhere on stony soil	" "
916	Euphorbiaceae	Bottom of the Minibus in sandy soil	" "
917	Compositae	Hills from the " to the Rio Grande Eastward	" "
918	Gramineae	Valley of the " In dense bunches	" "
919	Compositae	Low bottom of the Minibus	" "
920	Gramineae	" " " " " In small bunches	" "
921	Compositae	" " " " " 4 ft high	" "
922	Polygonum	Bes of the Minibus In water	" "
923	Umbrosia	Hills near Cooke's spring	" "
924	Gnaphalium	" " " " Among rocks	" "
925	Chrysopsis	" " " " " "	" "
926	Gramineae	" " " " " "	" "
927	"	" " " " " "	" "
928	"	" " " " " "	" "
929	Artemisia	" " " " " "	" "
930	Baccharis	Bottom of mule spring creek	" "
931	Gramineae	Ravine at "Hole in rock"	" 3
932	"	" " " " " "	" "
933	Beraginaceae	" " " " " "	" "
934	Gramineae	Hills from the Adobe to the Rio Grande Common	" 4
935	Compositae	Bottom of the Rio Grande On sandy ridge	" "
936	Aristida?	" " " " " "	" "
937	Stipa?	" " " " " "	" "
938	Setaria?	" " " " " "	" "
939	Compositae	" " " " " forming dense patches, 1-4 ft high	" "
940	Setaria?	" " " " " "	" "
941	"	" " " " " " tufts In small dense	" "
942	Gramineae	Around springs	" "
943	Setaria?	Bottom of the Rio Grande On sandy ridge	" "

Nos									
944	<i>Vilpa?</i>	Bottom of the Rio Grande	On	sandy ridge					Nov 4
945	<i>Panicum</i>	Margin	"	"	"	"	"	"	" 5
946	<i>Gramineae</i>	Bottom	"	"	"	"	In	" hollows	" "
947	<i>Vilpa?</i>	"	"	"	"	"	"	sandy soils	" "
948	"	"	"	"	"	"	"	"	" "
949	<i>Gramineae</i>	Valley of the	"	"	"	Among bushes on hills	In	valleys	" 6
950	<i>Crustida</i>	"	"	"	"	On hills	"	"	" "
951	<i>Ealea</i>	"	"	"	"	"	"	sandy hills	" "
952	<i>Compositae</i>	Low valley of the Rio Grande	In	large bunches					" "